

ABSTRACT OF THE DISCLOSURE

A safety winged set includes essentially a winged needle and a winged needle cover, wherein the winged needle is provided with one lateral piece extending from two lateral sides thereof, respectively, the winged needle cover is provided with several
5 gliding slots corresponding to the number and positions of the lateral pieces of the syringe, on the rear and upper end of one side gliding slot and on the rear and lower end of the other side gliding slot, an accommodating slot is provided, respectively, and a
10 supporting portion is provided on the front end of the gliding slot. The bent portion of the lateral piece is bent upwardly, and then the holding portion of the winged needle cover is pressed by hand and pulled backwardly such that the injection needle is exposed in order to perform the injecting or drawing-out action. When the winged
15 needle cover moves back to the rear end of the syringe, the supporting portion at the front end of the gliding slot clips to the lateral piece of the winged needle at the front end thereof such that the winged needle cover will not slid easily.

【represent symbols of major parts】

1	winged needle	41	clamp portion
2	winged needle cover	42	interposing element
3	flexible tube	43	holding element
4	inserting tube	44	flow-directing hole
5	test tube	45	ring protruding stopper
6	protruding part	46	non-return structure
7	protruding fastener	51	test tube cap
8	fastening hole	52	claw-shaped clamping head
11	winged needle body	53	guiding slot
12	lateral pieces	54	membrane
13	injection needle	121	bent portion
14	ring portion	122	stopping piece
15	stopping block	123	fastening aperture
20	fastening piece	124	sucker
21	gliding slot	211	bent piece
22	supporting portion	212	hemostatic cotton
23	accommodating slot	213	inserting bar
24	holding portion	214	inserting hole
25	hook	215	shaft bar
26	guiding track	241	stopping fastener
27	guiding slot	216	shaft hole
28	accommodating portion	461	blade
29	resilience piece		